

## EAST Search History

S159	36	(S156 S157) and S158	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/14 20:34
S160	6	(bacteriocin same (against near (campylobacter salmonella escherichia klebsiella shigella yersinia)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/14 20:34
S161	12510	lactobacill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/14 20:34
S162	2	S160 and S161	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/14 20:34
S163	9	(lactobacill\$ adj salivarius) same (bacteriocin lactocin (bacteri\$ adj protein))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 21:55
S164	1	(lactobacill\$ adj salivarius) same (NRRL adj B-30514)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 21:57
S165	2	"ABP-118"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 21:57
S166	30	salivaricin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 21:57
S167	2	(lactobacill\$ adj salivarius) same salivaricin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 21:57
S168	9	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin) same ((Lactobacillus adj salivarius) (B-30514))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 22:05
S169	1	S168 NOT S163	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/13 22:05

## EAST Search History

S17 0	0	Norman adj stern.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:11
S17 1	13	stern-n.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:11
S17 2	0	svetoch-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:11
S17 3	0	svetoch-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:12
S17 4	2178	bacteriocin or colicion or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:31
S17 5	264	(bacteriocin or colicion or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S17 6	344	(Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S17 7	7	S175 and S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S17 8	73	S174 and S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S17 9	2	"0508991"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 0	0	pct0508991	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S18 1	64	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. with (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 2	64	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. same (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 3	63	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. near (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 4	24668	(facultative WITH anaerobe) microaerophile gram-positive catalase-negative nonmotile (pleomorphic WITH rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 5	62	S183 and S184	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 6	62	S185 and S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 7	1	(Lactobacillus adj salivarius) and ("30514" or pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 8	282	(Lactobacillus adj salivarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S18 9	1	pvd32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 0	1	S188 and S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S19 1	2	S185 and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 2	0	Norman adj stern.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 3	13	stern-n.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 4	0	svetoch-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 5	26	erusanov.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 6	0	erusanov-b.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 7	0	erusanov-boris.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 8	0	volodina-l.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S19 9	0	kovalev-y.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 0	0	kudryavtseva-t.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 1	0	perelygin-v.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 2	0	"pokhilenko.in."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S20 3	253	levchuk.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 4	0	levchuk-v.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 5	0	"borzenkov.in"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 6	18	svetoch.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 7	0	mitsevich-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 8	0	mitsevich-i.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S20 9	7	(S171 S206 S203) and bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 0	1	(S171 S206 S203) and S186	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 1	5	(S171 S206 S203) and bacteriocin and lactobacillus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 2	923	424/190.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 3	0	424/190.1.ccls. and salivaius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 4	13	424/190.1.ccls. and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S21 5	2	S214 and bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 6	2	S185 and S176 and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 7	0	"514".S184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 8	106189	(lactic acid adj5 bacteria)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S21 9	107565	(lactic acid adj5 bacteria) probiotic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 0	3940	(lactobacillus bifidobacterium enterococcus lactococcus leuconostoc pediococcus sporolactobacillus streptococcus). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 1	2000	S219 and S220	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 2	13830	(bactericidal NEAR5 protein) (ionophore near5 antibiotic) (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 3	5	(bactericidal NEAR5 protein) and (ionophore near5 antibiotic) and (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 4	170	S221 and S222	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 5	2862	(narrow adj inhibitory adj spectrum) (attachment near5 receptors) (plasmid-borne near5 determinant) (bacteriocin-like adj4 substance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S22 6	8	S224 and S225	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 7	12997	(bactericidal NEAR protein) (ionophore near antibiotic) (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 8	1	strain adj pvd32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S22 9	152	S224 and S227	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 0	3	"9718316"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 1	1	"29616369"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 2	2	"09328352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 3	1	"60026257"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 4	2	"60074725"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 5	3	"6583275"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 6	2	"09883343"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 7	2	"0508991"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S23 8	3	"089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S23 9	3	"05089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 0	0	"wo05089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 1	5	"60123667"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 2	2	"20040214304"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 3	3	"9941978"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 4	2	"5733568".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 5	2	"6403082".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 6	145	"30514"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 7	2	S246 and lactobacillus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 8	40	isolate\$ near bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S24 9	1269	bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22



## EAST Search History

S25 0	1967	(against near (campylobacter salmonella escherichia klebsiella shigella yersinia))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 1	39	(S248 S249) and S250	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 2	9	(bacteriocin same (against near (campylobacter salmonella escherichia klebsiella shigella yersinia)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 3	12958	lactobacill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 4	4	S252 and S253	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 5	2178	bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 6	264	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 7	344	(Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 8	0	pct0508991	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S25 9	64	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. with (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S26 0	64	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. same (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 1	63	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin).clm. near (Lactobacillus adj salivarius) microaerophile (B-30514) (pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 2	24668	(facultative WITH anaerobe) microaerophile gram-positive catalase-negative nonmotile (pleomorphic WITH rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 3	62	S261 and S262	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 4	62	S263 and S257	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 5	1	(Lactobacillus adj salivarius) and ("30514" or pvd32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 6	282	(Lactobacillus adj salivarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 7	1	pvd32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 8	1	S266 and S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S26 9	0	Norman adj stern.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S27 0	13	stern-n.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 1	0	svetoch-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 2	26	erusanov.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 3	0	erusanov-b.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 4	0	erusanov-boris.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 5	0	volodina-l.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 6	0	kovalev-y.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 7	0	kudryavtseva-t.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 8	0	perelygin-v.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S27 9	0	"pokhilenko.in."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 0	253	levchuk.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 1	0	levchuk-v.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S28 2	0	"borzenkov.in"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 3	18	svetoch.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 4	0	mitsevich-e.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 5	0	mitsevich-i.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 6	1	(S270 S283 S280) and S264	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 7	923	424/190.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 8	0	424/190.1.ccls. and salivaius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S28 9	13	424/190.1.ccls. and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 0	0	"514".S262.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 1	106189	(lactic acid adj5 bacteria)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 2	107565	(lactic acid adj5 bacteria) probiotic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S29 3	3940	(lactobacillus bifidobacterium enterococcus lactococcus leuconostoc pediococcus sporolactobacillus streptococcus). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 4	2000	S292 and S293	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 5	13830	(bactericidal NEAR5 protein) (ionophore near5 antibiotic) (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 6	170	S294 and S295	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 7	2862	(narrow adj inhibitory adj spectrum) (attachment near5 receptors) (plasmid-borne near5 determinant) (bacteriocin-like adj4 substance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 8	12997	(bactericidal NEAR protein) (ionophore near antibiotic) (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S29 9	1	strain adj pvd32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 0	0	"wo05089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 1	145	"30514"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 2	40	isolate\$ near bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 3	1269	bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S30 4	1967	(against near (campylobacter salmonella escherichia klebsiella shigella yersinia))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 5	12958	lactobacill\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 6	1	"29616369"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 7	1	"60026257"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 8	2	"09883343"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S30 9	7	S256 and S257	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 0	73	S255 and S257	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 1	2	"0508991"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 2	62	S261 and S262	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 3	2	S263 and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 4	7	(S270 S283 S280) and bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 5	5	(S270 S283 S280) and bacteriocin and lactobacillus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S31 6	2	S289 and bacteriocin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 7	2	S263 and S257 and salivarius	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 8	5	(bactericidal NEAR5 protein) and (ionophore near5 antibiotic) and (anti-bacterial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S31 9	8	S296 and S297	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 0	3	"9718316"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 1	2	"09328352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 2	2	"60074725"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 3	3	"6583275"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 4	2	"0508991"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 5	3	"089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 6	3	"05089911"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 7	5	"60123667"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22

## EAST Search History

S32 8	2	"20040214304"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S32 9	3	"9941978"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 0	2	"5733568".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 1	2	"6403082".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 2	2	S301 and lactobacillus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 3	39	(S302 S303) and S304	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 4	9	(bacteriocin same (against near (campylobacter salmonella escherichia klebsiella shigella yersinia)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 5	4	S334 and S305	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 6	152	S296 and S298	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 7	9	(lactobacill\$ adj salivarius) same (bacteriocin lactocin (bacteri\$ adj protein))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 8	1	(lactobacill\$ adj salivarius) same (NRRL adj B-30514)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S33 9	2	"ABP-118"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22



## EAST Search History

S34 0	32	salivaricin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S34 1	2	(lactobacill\$ adj salivarius) same salivaricin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S34 2	9	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin) same ((Lactobacillus adj salivarius) (B-30514))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S34 3	1	S342 NOT S337	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S34 4	9	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin) same ((Lactobacillus adj salivarius) (B-30514))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:22
S34 5	21120	((424/184.1) or (530/350)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/01 12:31
S34 6	8	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin) same (lactobacill\$ adj2 salivarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:32
S34 7	72	(bacteriocin or colicin or staphylococcin or gassericin or circularin or nisin pediocin or carnocin or lacticin or lactocin or helveticin) and (lactobacill\$ adj2 salivarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:32
S34 8	8	S347 and S345	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 12:33